

Sreemathi Logan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

708
citations

687363

13
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin-like growth factor receptor signaling regulates working memory, mitochondrial metabolism, and amyloid- β^2 uptake in astrocytes. <i>Molecular Metabolism</i> , 2018, 9, 141-155.	6.5	119
2	IGF-1 has sexually dimorphic, pleiotropic, and time-dependent effects on healthspan, pathology, and lifespan. <i>GeroScience</i> , 2017, 39, 129-145.	4.6	111
3	Cerebrovascular dysfunction predicts cognitive decline and gait abnormalities in a mouse model of whole brain irradiation-induced accelerated brain senescence. <i>GeroScience</i> , 2017, 39, 33-42.	4.6	78
4	ELOVL4 protein preferentially elongates 20:5n3 to very long chain PUFAs over 20:4n6 and 22:6n3. <i>Journal of Lipid Research</i> , 2012, 53, 494-504.	4.2	53
5	Measuring Behavior in the Home Cage: Study Design, Applications, Challenges, and Perspectives. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 735387.	2.0	46
6	Deciphering mutant ELOVL4 activity in autosomal-dominant Stargardt macular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5446-5451.	7.1	42
7	IGF-1 Regulates Vertebral Bone Aging Through Sex-Specific and Time-Dependent Mechanisms. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 443-454.	2.8	41
8	Simultaneous assessment of cognitive function, circadian rhythm, and spontaneous activity in aging mice. <i>GeroScience</i> , 2018, 40, 123-137.	4.6	37
9	Accelerated decline in cognition in a mouse model of increased oxidative stress. <i>GeroScience</i> , 2019, 41, 591-607.	4.6	37
10	IGF1R signaling regulates astrocyte-mediated neurovascular coupling in mice: implications for brain aging. <i>GeroScience</i> , 2021, 43, 901-911.	4.6	35
11	Disparate Central and Peripheral Effects of Circulating IGF-1 Deficiency on Tissue Mitochondrial Function. <i>Molecular Neurobiology</i> , 2020, 57, 1317-1331.	4.0	24
12	The antimicrobial protein, CAP37, is upregulated in pyramidal neurons during Alzheimer's disease. <i>Histochemistry and Cell Biology</i> , 2015, 144, 293-308.	1.7	19
13	Differential effects of IGF-1 deficiency during the life span on structural and biomechanical properties in the tibia of aged mice. <i>Age</i> , 2016, 38, 38.	3.0	19
14	Interleukin 6 reduces allopregnanolone synthesis in the brain and contributes to age-related cognitive decline in mice. <i>Journal of Lipid Research</i> , 2020, 61, 1308-1319.	4.2	15
15	Dominant Stargardt Macular Dystrophy (STGD3) and ELOVL4. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 447-453.	1.6	14
16	Dysregulation of the SNARE-binding protein Munc18-1 impairs BDNF secretion and synaptic neurotransmission: a novel interventional target to protect the aging brain. <i>GeroScience</i> , 2019, 41, 109-123.	4.6	10
17	Selective Ablation of <i>Sod2</i> in Astrocytes Induces Sex-Specific Effects on Cognitive Function, d-Serine Availability, and Astroglialosis. <i>Journal of Neuroscience</i> , 2022, 42, 5992-6006.	3.6	8
18	CAP37, an inflammatory mediator in Alzheimer's disease. <i>FASEB Journal</i> , 2008, 22, 167.11.	0.5	0